LLL		NNN NNN NNN	NNN KKK NNN KKK	KKK KKK KKK		RRRRR	RRRRRRRR
iii	III	NNN	NNN KKK	KKK	EEE	RRR	RRR
iii	iii	NNN	NNN KKK	KKK	ÈÈÈ	RRR	RRR
iii	iii	NNN	NNN KKK	KKK	ÈÈÈ	RRR	RRR
iii	iii	NNNNN	NNN KKK	KKK	ĒĒĒ	RRR	RRR
iii	iii	NNNNN	NNN KKK	KKK	ÈÈÈ	RRR	RRR
iii	iii	NNNNNN	NNN KKK	KKK	ÈÈÈ	RRR	RRR
iii	iii	NNN NNN		KKKKK	EEEEEEEEEE		RRRRRRR
iii	ĪĪĪ	NNN NNN		KKKKK	EEEEEEEEEE		RRRRRRR
III	ĪĪĪ	NNN NNN		KKKKK	EEEEEEEEEEE		RRRRRRR
III	III		NNNN KKK	KKK	EEE	RRR	RRR
LLL	III		NNNN KKK	KKK	ĒĒĒ	RRR	RRR
LLL	III		NNNN KKK	KKK	ĒĒĒ	RRR	RRR
LLL	III	NNN	NNN KKK	KKK	ĒĒĒ	RRR	RRR
LLL	111	NNN	NNN KKK	KKK	EEE	RRR	RRR
LLL	111	NNN	NNN KKK	KKK	EEE	RRR	RRR
LLLLLLLLLLLLLL	111111111	NNN	NNN KKK	KKK	EEEEEEEEEEEE	RRR	RRR
LLLLLLLLLLLLLLL	IIIIIIIII	NNN	NNN KKK	KKK	EEEEEEEEEEEEE	RRR	RRR
LLLLLLLLLLLLLLL	111111111	NNN	NNN KKK	KKK	EEEEEEEEEEEEE	RRR	RRR

PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	RRRRRRRR RR RR RR RR RR RR RR RR RRRRRRR		FFFFFFFFF FF FF FF FF FF FF FF FF FF FF	XX	
RRRRRRRR RRRRRRRR RR RR RR RR RR RR RRRRRR		QQQQQQQ QQ QQ QQ QQ QQ QQ QQ QQ QQ QQ Q			

PREFIX.REQ:1

Version:

'V04-000'

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MODULE: PREFIX.REQ FACILITY: LINKER

ABSTRACT:

REQUIRE FILE TO DEFINE LOCALLY SOME

INTERESTING GENERAL SYMBOLS, STRUCTURES AND MACROS

HISTORY:

AUTHOR: T.J. PORTER 15-DEC-76

MODIFICATIONS:

JWT0099 Jim Teague 14-Mar-19
Add useful macros "sd" and "dynamic_descriptor". V03-001 JWT0099 14-Mar-1983

```
PREFIX.REQ:1
1++
  FUNCTIONAL DESCRIPTION:
                 THIS REQUIRE FILE DEFINES SOME GENERAL, LOCAL VALUES AND MACROS
         WHICH CANNOT OR ARE BEST NOT DEFINED GLOBALLY.
        MACRO
        SHORT = UNSIGNED(6)%,
BYTLIT = UNSIGNED(8)%,
                                             SHORT LITERAL ATTRIBUTE UNSIGNED BYTE ATTRIBUTE
         WORDLIT = UNSIGNED (16) %,
                                             UNSIGNED WORD ATTRIBUTE
  MACRO THAT DESCRIBES A STRING
        STRINGDESC(STRING) = %CHARCOUNT(STRING), UPLIT(%ASCII STRING)%,
  MACRO TO GENERATE A QUADWORD STRING DESCRIPTOR
        DESCRIPTOR(STRING) = VECTOR[2] INITIAL(STRINGDESC(STRING))%,
  MACRO TO GENERATE A POINTER TO A COUNTED STRING
        CSTRING(STRING) = UPLIT BYTE(%CHARCOUNT(STRING), STRING)%,
  MACRO TO ALLOCATE AN N-CHARACTER STORAGE VECTOR
        CH$SEQUENCE(N) = VECTOR[CH$ALLOCATION(N)]X,
  MACRO TO INITIALIZE SUCCESSIVE LOCATIONS WITH A COUNT FOLLOWED BY A STRING
        COUNTEDSTRING(STRING) = BYTE(%CHARCOUNT(STRING), %ASCII STRING )%;
  Define VMS block structures
STRUCTURE
        BBLOCK [O, P, S, E; N] =
                 (BBLOCK+O) <P.S.E>;
LITERAL
        PROGRAM_REGION = XX'200',
CONTROL_REGION = XX'40000000',
SYSTEM_SPACE = XX'80000000',
                                             DEFAULT BASE OF PROGRAM REGION
START OF CONTROL REGION
START OF SYSTEM SPACE
                                             MAXIMUM VIRTUAL ADDRESS
```

MAX ADDRESS = %x C0000000 . FALSE = 0. TRUE = 1; THE LOGICAL VALUES TRUE AND FALSE.

!LINKAGE JSB_3 = JSB (REGISTER = 0, REGISTER = 1, REGISTER = 2),

0215 AH-BT13A-SE

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